

PTA-G-BT

Direction Fully-Automatic Electric Torque Screwdriver



PTA10N-G-BT
with optional battery



PTA-G-BT Setting software

* Bluetooth is a registered trademark of Bluetooth SIG, Inc.

Assembly Electric Pistol Trigger Bluetooth®

RoHS

- Torque & angle monitoring function provides double tightening prevention
- No controller necessary, data transmission by Bluetooth® communication
- Torque checking with a standard torque wrench tester.

Torque Accuracy ±5%, Angle Accuracy ±5%

Model	Torque Range [N·m]		Torque Range [kgf·cm]		Torque Range [lbf·in]		Free Rotation Speed [r.p.m]		Overall Length	Overall Height	Weight
	Min.-Max.	Grad.	Min.-Max.	Grad.	Min.-Max.	Grad.	Standard joint	Hard joint	[mm]	[mm]	[kg]
PTA5N-G-BTA	2-5	0.01	20-50	0.1	20-45	0.1	1000	500	240	229	1.0 (1.7)
PTA510N-G-BTA	4-10	0.02	40-100	0.2	40-90	0.2	500	450	259	(297)	1.1 (1.8)

Note

1. The value with in () includes a battery pack.
2. Counterclockwise rotation has no torque control. It is loosening purpose only.
3. Battery and battery charger are not included. Purchase them at local store.
4. Contact Tohnichi for status of wireless certification acquisition for each country.

Bluetooth® Receiver

Model	Version
R-BT	V3.0

Note

1. It is available up to 4 pcs of PTA-G-BT at relay output mode, or one by one at data transfer mode
2. Supplied with DC24V input terminal
3. Communication distance is 10m.



R-BT

Battery & Battery Charger

Model	Version
EYFB50B	Panasonic, 18V battery
EY0L82B	Panasonic, 120V, 220-240V

Note

1. Battery pack and Battery charger will not be provided from Tohnichi, purchase them from local supplier.
2. Approximate 3500 spindle of tightening by a battery pack



EYFB50B

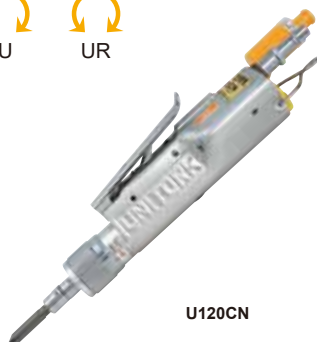


EY0L82B

U/UR

UNITORK/Straight & Pistol Type Pneumatic Torque Screwdriver

Direction



U120CN

Assembly Straight/Pistol Pneumatic Graduation Trigger/Lever

RoHS

- Accurate and stable tightening for small size screws
- Lever activated

Accuracy ±5%

S.I. Model	Torque Range [cN·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in]		Free Speed	Air Pressure	Hose in Dia.	Weight	Standard Accessory
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.	[r.p.m]	[MPa]	[mm]	[kg]	Bit ④
U30CN	cN·m 10-30	0.5	U3	kgf·cm 1-3	0.05	U3-A	lbf·in 1-3	0.05	1600	0.4		0.32	#0
U60CN	20-60	1	U6	2-6	0.1	U6-A	2-5	0.1	1700	0.5	φ5	0.42	#1
U120CN	40-120	2	U12	4-12	0.2	U12-A	4-10	0.2	1400			0.48	
U250CN	100-250	5	U25	10-25	0.5	U25-A	8-22	0.5	1200	0.6		0.75	#2
U500CN	200-500	10	U50-2	20-50	1.0	U50-2-A	15-45	1.0	950	0.5	φ6	1.35	#3
U1000CN	400-1000		U100	40-100		U100-A	30-90		700	0.6		2.0	
ULR120CN	40-120	2	U12LR	4-12	0.2	U12LR-A	4-10	0.2	1300	0.5	φ5	0.56	#2
ULR250CN	100-250	5	U25LR	10-25	0.5	U25LR-A	8-22	0.5	1000	0.6	φ6	0.95	
UR500CN	200-500	10	U50R	20-50	1.0	U50R-A	15-45	1.0	950			1.45	#3

Note

1. U1000CN has a fixed square drive (9.53mm). Use socket bits or bit holders for this model.
2. UR has revers function, the counterclockwise rotation has no torque control, it is loosening purpose only.
3. U500CN, U1000CN, and UR500CN are pistol type with trigger mechanism.
4. U30CN is required Tohnichi dedicated bit, others are available a local market one.

Standard Accessories

1. One touch coupler for U30CN-U250CN, ULR120CN, and ULR250CN.
2. Bit holder for U1000CN

U/UR Optional Accessories

One Touch Joint (Female)

Part #	Applicable Model	Size
133	U30CN-U250CN	PF 1/4 Female
134		PF 1/4 Male
135		φ8 Hose Joint

Note

133, # 134, # 135 one-touch joints cannot be attached to U / URs purchased before March 2020. Please consult with Tohnichi or the store where you purchased the product.

Tool Kit for disassembly/assembly for UNITORK

Part #	Applicable Model
162	U500CN, UR500CN
163	U1000CN

MG/MF

Multiple Unit/ Pneumatic Straight Style

Direction



MF12N

Automatic Straight Pneumatic Graduation Master Valve Operation RoHS

- Several units used simultaneously with loader
- Fully automatic tightening for complex bolt configurations

Accuracy ±5%

S.I. Model	Torque Range [cN·m/N·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in]		Free Speed	Air Pressure	Hose Dia.	Overall Length	Bit Holder	Weight
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.	[r.p.m]	[MPa]	[mm]	[mm]	[mm]	[kg]
MG120CN	40-120	1	M12G	4-12	0.1	M12G-A	4-10	0.2	720		φ5	287-279		0.68
MG250CN	100-250	2.5	M25G	10-25	0.25	M25G-A	8-22	0.5	350				6.35 Hex	
MF6N	3-6	0.1	M60F	30-60	1	M60F-A	25-50	1	1000	0.4	φ6	411-		2.0
MF12N	6-12	0.2	M120F	60-120	2	M120F-A	50-100	2	500			403		

Note

1. MG/MF is 6.35 HEX bit holder type.
2. For designing a multi-spindle system, check the PCD, minimum distance between the spindles.
3. For first-time user, consult Tohnichi for assistance.

Standard Accessories

1. Torque adjusting key